AMENDMENT TO ABSTRACT

Please amend the Abstract of the Disclosure as follows:

A system for transmitting and receiving data formatted in IEEE 1394 standard between devices using a same IEEE 1394 broadcast channel includes a [[CPU]] bus, to which is connected a controller, and ~~interfaced to a bus, a~~ first and second 1394 interfaces. ~~interface connected to the bus via a first physical and link layers, and a second 1394 interface connected to the bus via a second physical and link layer.~~ First and second devices, which are connected (respectively) to the first and second interfaces, use the broadcast channel. The CPU is configured for 1) receiving data from either the first or second device, attaching an ID header, which includes identification information on a recipient device based at least in part on a transmitting device, ~~the bus, prefixing a header to the received data,~~ and retransmitting the received data with the ID ~~prefixed~~ header onto the bus, and 2) receiving data ~~prefixed~~ with the ID [[a]] header, interpreting the header to identify which of the first or second interfaces should receive the data, and transmitting the data ~~over the bus~~ to the identified ~~1394~~ interface. The ID header contains information about the data and is used to build the 1394 header.